

Appl. No. : 10/533,013
Int'l Filing Date : April 28, 2005

AMENDMENT TO THE CLAIMS

1 (previously presented): A nonbacterial prostatitis animal model exhibiting a prostate tissue damage characteristically observed in human chronic nonbacterial prostatitis and a lower urinary tract disorder characteristically observed in human chronic nonbacterial prostatitis,

the animal model being a nonhuman animal, and being prepared by injecting hydrochloric acid beneath the prostatic capsule, wherein concentration of the hydrochloric acid ranges from 0.1N to 0.4N,

wherein said animal model does not have tissue damage in urethral and bladder tissues.

2 (original): The nonbacterial prostatitis animal model according to claim 1 having an increased ratio of bladder weight to body weight compared with a normal nonhuman animal.

3 (original): The nonbacterial prostatitis animal model according to claim 1, wherein the lower urinary tract disorder is a urine storage disorder posing at least one symptom selected from the group consisting of pollakiuria, urinary incontinence, and reduced effective bladder capacity.

4 (original): The nonbacterial prostatitis animal model according to claim 1, wherein the animal model is a nonhuman animal, and prepared by injecting hydrochloric acid beneath the capsule of a dorsolateral lobe.

5 (previously presented): The nonbacterial prostatitis animal model according to claim 1, wherein the animal model is a nonhuman animal reared for 4 days to 8 days after injection of hydrochloric acid beneath the prostatic capsule.

6 (original): The nonbacterial prostatitis animal model according to claim 1, wherein the nonhuman animal is a rat.

7 (currently amended): A method for preparing the nonbacterial prostatitis animal model recited in claim 1 comprising the steps of:

injecting hydrochloric acid beneath the prostatic capsule of a nonhuman animal, wherein concentration of the hydrochloric acid ranges from 0.1N to 0.4N,, and

rearing the nonhuman animal to develop prostatitis,

wherein the resultant nonbacterial prostatitis animal model does not have tissue damage in urethral and bladder tissues.

8 (original): The method for preparing the nonbacterial prostatitis animal model according to claim 7, wherein hydrochloric acid is injected beneath the prostatic capsule of a dorsolateral lobe.

Appl. No. : 10/533,013
Int'l Filing Date : April 28, 2005

9 (previously presented): The method for preparing the nonbacterial prostatitis animal model according to claim 7 comprising the steps of:

injecting hydrochloric acid beneath the prostatic capsule, and
rearing the nonhuman animal for 4 days to 8 days.

10 (original): The method for preparing the nonbacterial prostatitis animal model according to claim 7, wherein the nonhuman animal is a rat.

11 (previously presented): A method for screening for a substance for treating human chronic nonbacterial prostatitis comprising the steps of:

administering a test substance to the nonbacterial prostatitis animal model recited in claim 1, and

examining the effect of the test substance for ameliorating at least one disorder selected from the group consisting of a prostate tissue damage and a lower urinary tract disorder of the nonbacterial prostatitis animal model.

12 (original): The method for screening for a substance for treating human chronic nonbacterial prostatitis according to claim 11, wherein the lower urinary tract disorder is a urine storage disorder posing at least one symptom selected from the group consisting of pollakiuria, urinary incontinence, and reduced effective bladder capacity.

13 (withdrawn): A method for screening for a substance for preventing human chronic nonbacterial prostatitis comprising the steps of:

administering a test substance to a preparatory nonbacterial prostatitis animal model prepared by injecting hydrochloric acid beneath the prostatic capsule, which has not yet developed prostatitis, and

examining the effect of the test substance for inhibiting the development of at least one disorder selected from the group consisting of a prostate tissue damage and a lower urinary tract disorder of the preparatory nonbacterial prostatitis animal model.

14 (withdrawn): The method for screening for a substance for preventing human chronic nonbacterial prostatitis according to claim 13, wherein the preparatory nonbacterial prostatitis animal model is a nonhuman animal, and prepared by injecting hydrochloric acid beneath the prostatic capsule of the nonhuman animal and rearing the nonhuman animal for less than 4 days, which has not yet developed prostatitis.

15 (withdrawn): The method for screening for a substance for preventing human chronic nonbacterial prostatitis according to claim 14, wherein the nonhuman animal is a rat.

16 (withdrawn): A method for evaluating the efficacy of a drug for ameliorating human nonbacterial prostatitis, the method comprising the steps of:

administering a test drug whose efficacy is to be evaluated to the nonbacterial prostatitis animal model recited in claim 1, and

examining the effect of the test drug for ameliorating at least one disorder selected from the group consisting of a prostate tissue damage and a lower urinary tract disorder of the nonbacterial prostatitis animal model.

17 (withdrawn): The method for evaluating the efficacy of a drug for ameliorating human nonbacterial prostatitis according to claim 16, wherein the lower urinary tract disorder is a urine storage disorder posing at least one symptom selected from the group consisting of pollakiuria, urinary incontinence, and reduced effective bladder capacity.

18 (withdrawn): A method for evaluating the efficacy of a drug for preventing human nonbacterial prostatitis, the method comprising the steps of:

administering a test drug whose efficacy is to be evaluated to a preparatory nonbacterial prostatitis animal model produced by injecting hydrochloric acid beneath the prostatic capsule, which has not yet developed prostatitis, and

examining the effect of the test drug for inhibiting the development of at least one disorder selected from group consisting of a prostate tissue damage and a lower urinary tract disorder of the preparatory nonbacterial prostatitis animal model.

19 (withdrawn): A method for evaluating the efficacy of a drug for preventing human nonbacterial prostatitis according to Claim 18, wherein the preparatory nonbacterial prostatitis animal model is a nonhuman animal, and prepared by injecting hydrochloric acid beneath the prostatic capsule of a nonhuman animal and rearing the nonhuman animal for less than 4 days, which has not yet developed prostatitis.

20 (withdrawn): A method for evaluating the efficacy of a drug for preventing human nonbacterial prostatitis according to Claim 19, wherein the lower urinary tract disorder is a urine storage disorder posing at least one symptom selected from the group consisting of pollakiuria, urinary incontinence, and reduced effective bladder capacity.

21-23 (canceled)

24 (withdrawn): A pharmaceutical composition for treating or preventing human nonbacterial prostatitis comprising a substance evaluated as having an effect for ameliorating or preventing nonbacterial prostatitis by the screening method recited in claim 11.

Appl. No. : **10/533,013**
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25 (withdrawn): A pharmaceutical composition for treating or preventing human nonbacterial prostatitis comprising a substance evaluated as having an effect for ameliorating or preventing nonbacterial prostatitis by the screening method recited in claim 14.